

2001 BASELINE - REPRICING TO BRING MODELS FROM FY98 DOLLARS TO FY01 DOLLARS

SITE: 100-F-26

COMPOSITE CALCULATION #18 (PROCESS SEWERS)

ERC LABOR

IN BASELINE DATABASE			1,858	ERC MANUAL HOURS (HAMTC) FROM COMPOSITE CALC SPREADSHEET
	+		2,930	ERC NON-MANUAL HOURS FROM COMPOSITE CALC SPREADSHEET
			4,788	TOTAL ERC HOURS
SEE NOTE 1		\$	268,585	ERC LABOR AT THE TIME THE CALCS WERE PERFORMED @ 1998 DOLLARS (BASE, EXCLUDES BURDENS)
	X		1.1892	DD FACTOR (1998 DD AT THE TIME THE CALCS WERE PERFORMED)
	X		1.0404	G&A FACTOR (1998 G&A AT THE TIME THE CALCS WERE PERFORMED)
		\$	332,305	TOTAL ERC LABOR AT THE TIME THE CALCS WERE PERFORMED @ 1998 DOLLARS (FULLY BURDENED)
IN BASELINE DATABASE				
CALC BY BASELINE DATABASE		\$	332,305	TOTAL ERC LABOR AT THE TIME THE CALCS WERE PERFORMED @ 1998 DOLLARS (FULLY BURDENED)
	X		1.1463	LABOR FACTOR TO BRING 1998 LABOR DOLLARS TO 2001 LABOR DOLLARS (FULLY BURDENED)
		\$	380,921	TOTAL ERC LABOR @ 2001 DOLLARS (FULLY BURDENED)

ERC EQUIPMENT / MATERIAL/UNIT

		\$	54,845	ERC EQUIPMENT @ 1998 DOLLARS (BASE, EXCLUDES BURDENS) PER COMPOSITE CALC SPREADSHEET
				W/ABOVE ERC MATERIAL @ 1998 DOLLARS (BASE, EXCLUDES BURDENS) PER COMPOSITE CALC SPREADSHEET
	+			W/ABOVE ERC UNIT @ 1998 DOLLARS (BASE, EXCLUDES BURDENS) PER COMPOSITE CALC SPREADSHEET
		\$	54,845	TOTAL ERC EQUIPMENT / MATERIAL / UNIT @1998 DOLLARS (BASE, EXCLUDES BURDENS)
IN BASELINE DATABASE				
CALC BY BASELINE DATABASE	X	\$	54,845	TOTAL ERC EQUIPMENT / MATERIAL / UNIT @1998 DOLLARS (BASE, EXCLUDES BURDENS)
			1.076	ESCALATION FACTOR TO BRING 1998 COSTS TO 2001 DOLLARS
		\$	59,013	TOTAL ERC EQUIPMENT / MATERIAL / UNIT @2001 DOLLARS (BASE, EXCLUDES BURDENS)
		\$	59,013	TOTAL ERC EQUIPMENT / MATERIAL / UNIT @2001 DOLLARS (BASE, EXCLUDES BURDENS)
	X		1.208	DD FACTOR (FY2001 - 2003 DWP P3/PARADE SYSTEM GUIDANCE)
	X		1.037	G&A FACTOR (FY2001 - 2003 DWP P3/PARADE SYSTEM GUIDANCE)
		\$	73,925	TOTAL ERC EQUIPMENT / MATERIAL / UNIT @2001 DOLLARS (FULLY BURDENED)

SUBCONTRACT

IN BASELINE DATABASE		\$	322,778	ERC SUBCONTRACT @ 1998 DOLLARS (BASE, EXCLUDES BURDENS) PER COMPOSITE CALC SPREADSHEET
CALC BY BASELINE DATABASE	X		1.076	ESCALATION FACTOR TO BRING 1998 COSTS TO 2001 DOLLARS
		\$	347,309	TOTAL SUBCONTRACT @2001 DOLLARS (BASE, EXCLUDES BURDENS)
		\$	347,309	TOTAL SUBCONTRACT @2001 DOLLARS (BASE, EXCLUDES BURDENS)
	X		1.208	DD FACTOR (FY2001 - 2003 DWP P3/PARADE SYSTEM GUIDANCE)
	X		1.037	G&A FACTOR (FY2001 - 2003 DWP P3/PARADE SYSTEM GUIDANCE)
		\$	435,073	TOTAL SUBCONTRACT @2001 DOLLARS (FULLY BURDENED)

TOTAL

		\$	380,921	TOTAL ERC LABOR @ 2001 DOLLARS (FULLY BURDENED)
		\$	73,925	TOTAL ERC EQUIPMENT / MATERIAL / UNIT @2001 DOLLARS (FULLY BURDENED)
		\$	435,073	TOTAL SUBCONTRACT @2001 DOLLARS (FULLY BURDENED)
		\$	889,919	TOTAL (INCLUDES BURDENS)
TYPICALLY CONTINGENCY IS NOT				
CALCULATED BY THE MODEL		\$	889,919	TOTAL (INCLUDES BURDENS)
BUT IS CALCULATED IN THE	+	\$	210,021	CONTINGENCY @ 23.6% PER BHI CONTG. EVALUATION
BASELINE DATABASE		\$	1,099,940	TOTAL (INCLUDES BURDENS AND CONTINGENCY)

NOTES

- 1 THE APPLICATION OF DD AND G&A (BURDEN) IN THE BUILDUP OF THE ERC LABOR IS SLIGHTLY DIFFERENT THAN FOR MATERIAL, EQUIPMENT, UNIT, AND SUBCONTRACTS, AND OUR ESTIMATING TOOLS CANNOT HANDLE THE BURDEN DIFFERENTLY BETWEEN THE COST ELEMENTS, THEREFORE AN ESTIMATING WAGE IS USED IN THE CALCULATIONS. THE ESTIMATING WAGE RATE IS THE FULLY BURDENED WAGE RATE WITH THE BURDEN PERCENTAGES REMOVED FROM TOTAL (EST. WAGE=FULLY BURDEN WAGE/DD FACTOR./G&A FACTOR). WHEN MCACES FACTORS IN DD AND G&A THE ERC LABOR COSTS ARE BROUGHT BACK UP TO THE REAL FULLY BURDEN LABOR COST. THE ONLY PROBLEM THEN IS MCACES DOES NOT SHOW FULLY BURDEN ERC LABOR (AB NO MARKUP ITEM) THEREFORE THE BASELINE DATABASE IMPORT SPREADSHEET IS USED TO FACTOR IN THE BURDEN (USED IN THE MODEL) BACK INTO THE ERC LABOR. WITH THE FULLY LOADED LABOR IN THE DATABASE IT IS ONLY A MATTER OF APPLYING THE LABOR FACTOR TO BRING IT UP TO CURRENT RATES/PRICING LEVEL (EFFECTIVELY TAKES CARE OF CHANGES IN WAGE RATE, PAYROLL ADDS, OPERATING CENTER, CORPORATE ALLOCATION, DD, OVERHEADS, AND G&A).